



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Sunday, September 30, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Some isolated heavy rain/flash flooding is possible along the TX Coast.

Monday - Thursday

- Isolated heavy rain possible beginning Monday in W NM although it will be welcome rainfall in drought stricken areas (no significant impacts expected).
- By Tuesday, isolated heavy rain/flash flooding will be possible in NW NM, especially in/around burn scar locations...and this could last through Thursday.

River Flood Status

- Water will continue to drain from the Nueces River; continued inflows into Lake Corpus.

Tropical Outlook

- Tropical Storm Leslie is expected to meander over the Central Atlantic for much of this week. No impacts to FEMA 6.
- Hurricane Rosa is forecast to move towards the Baja Peninsula on Monday as a Tropical Storm. This system is expected to bring heavy rain into the Southwest U.S. this week. While much of the heavy rain should remain west of Region 6, some isolated heavy rain will be possible over W NM from this system.
- Tropical Storm Sergio Rosa is forecast to move west over the Eastern Pacific through the middle of next week. No impacts to FEMA 6.
- Additional tropical cyclone formation is not expected over the next 5 days.

FEMA Region 6 Threat Matrix

Sept 30, 2018 – Oct 4, 2018



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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms					
Heavy Rain / Flash Flooding	TX Coast	W NM	NW NM	NW NM	NW NM
Fire Weather					
Tropical Weather					
River Flooding	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)

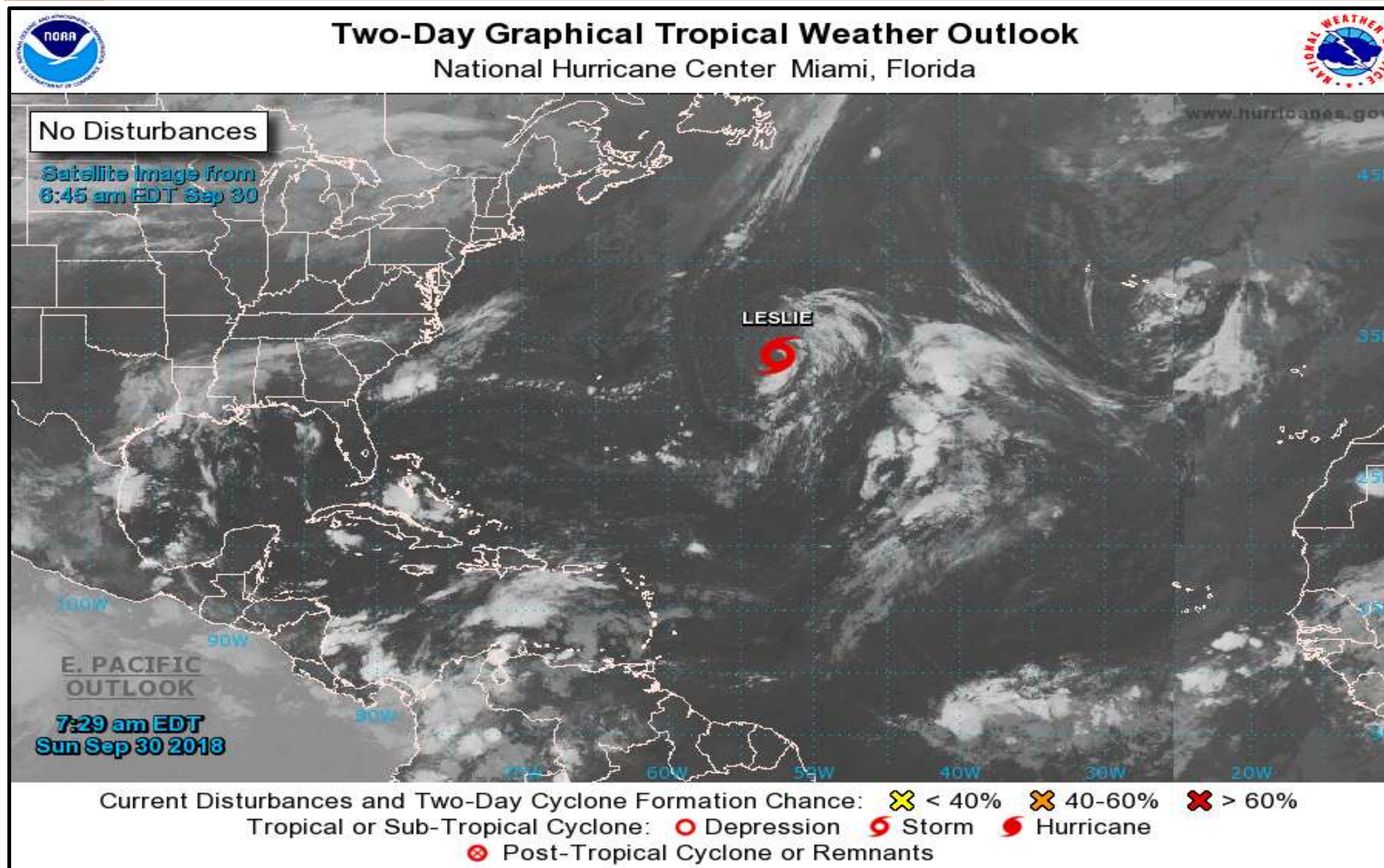
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf

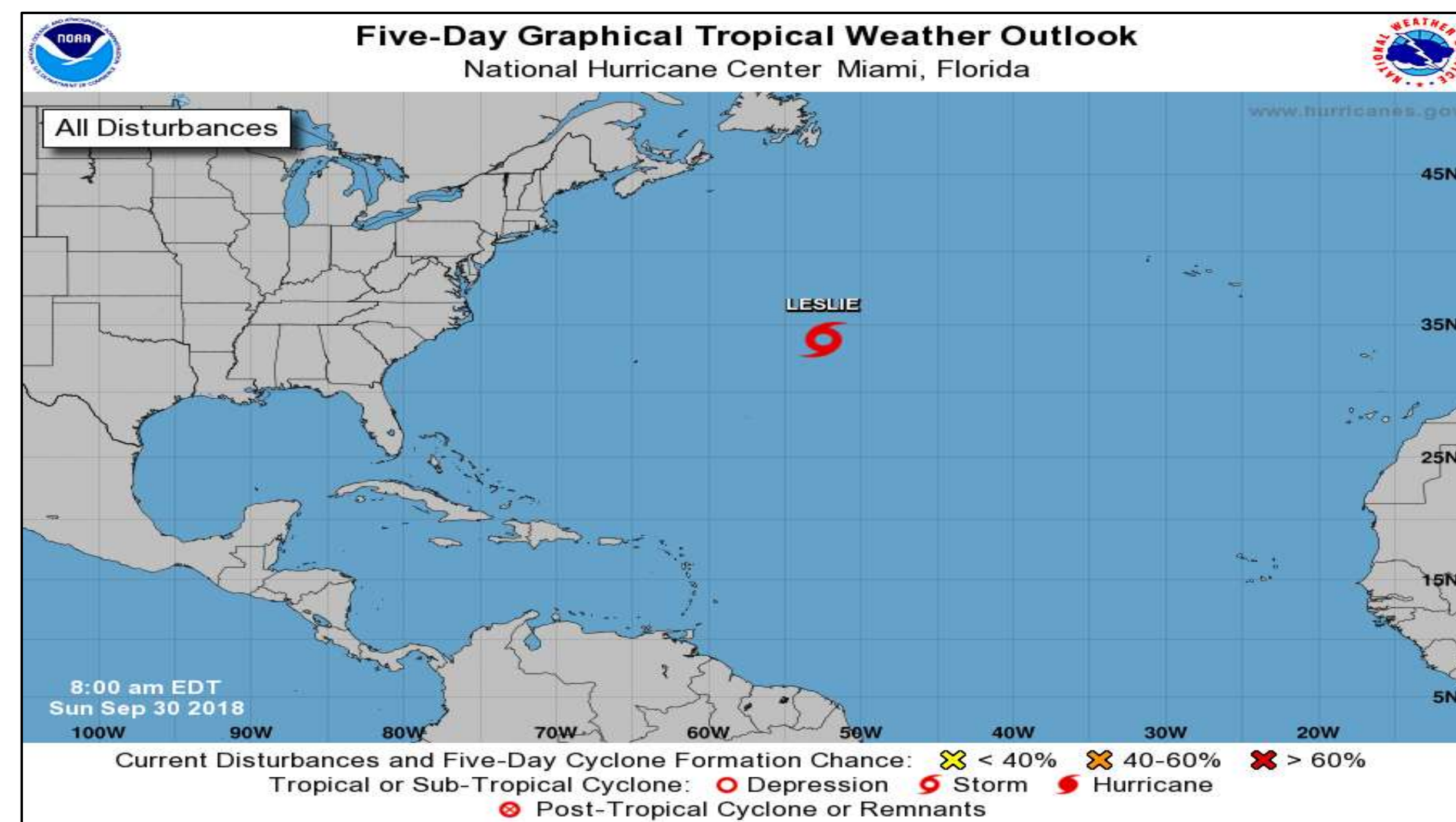


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See next slide for forecast information on
Leslie.

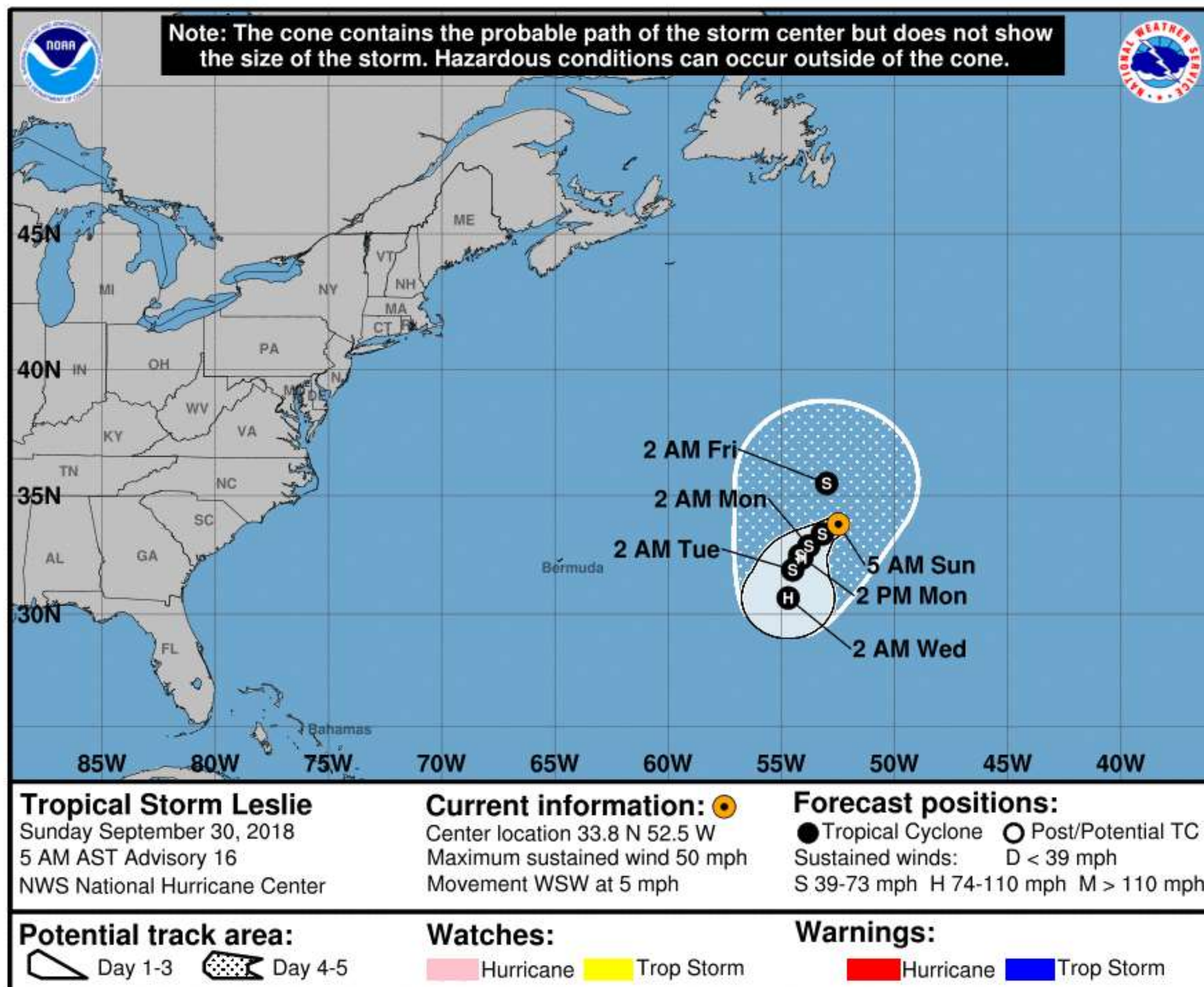
Additional tropical cyclone formation is not expected
over the next 5 days.



Tropical Storm Leslie



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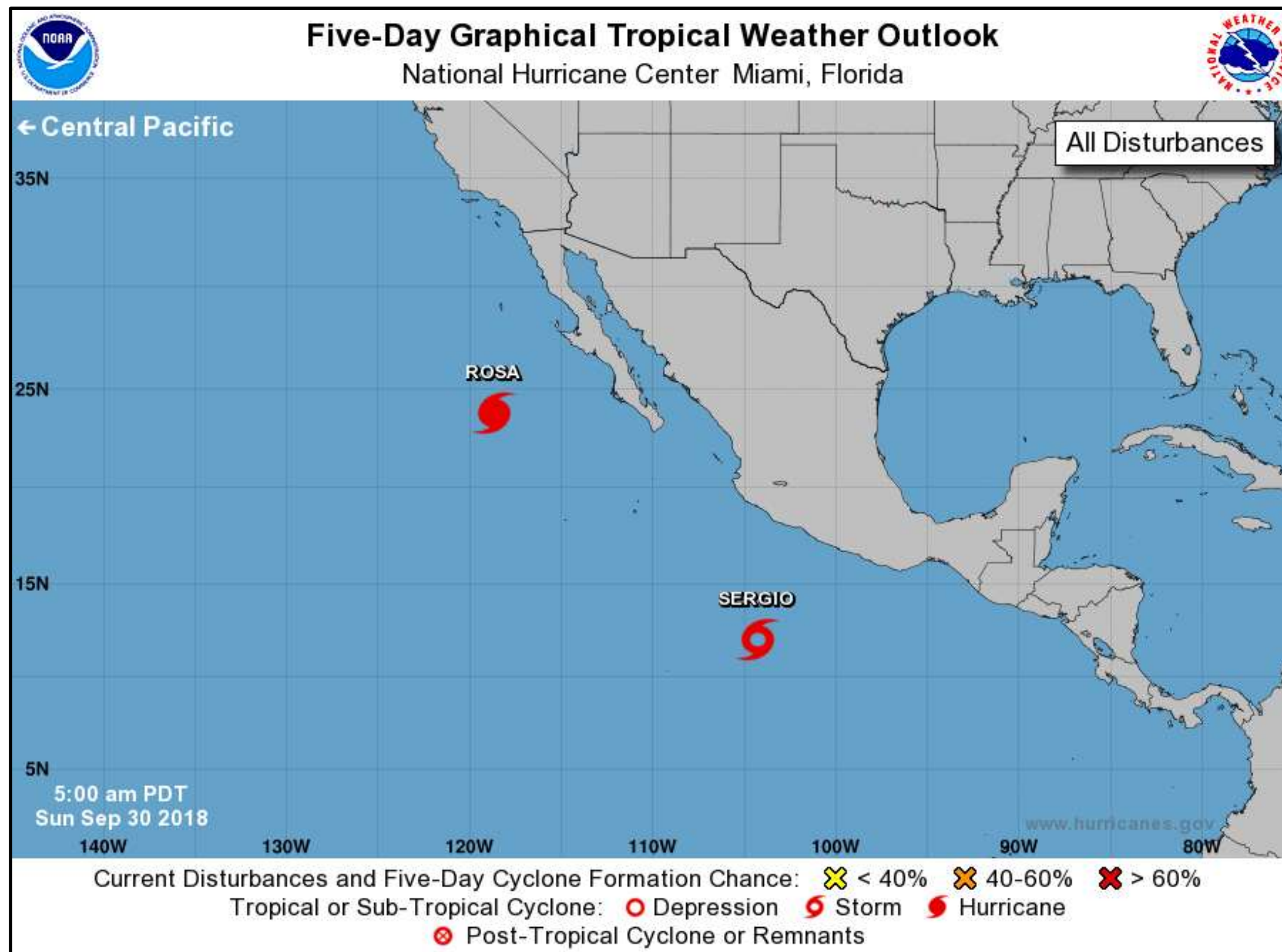


Tropical Storm Leslie is expected to meander over the Central Atlantic for much of this week. No impacts to FEMA 6.

Hurricane Rosa & Tropical Weather Outlook – Pacific



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Hurricane Rosa is forecast to move towards the Baja Peninsula on Monday as a Tropical Storm. This system is expected to bring heavy rain into the Southwest U.S. this week. While much of the heavy rain should remain west of Region 6, some isolated heavy rain will be possible over W NM from this system.



See next slide for forecast information on Tropical Storm Sergio.

Tropical Storm Sergio



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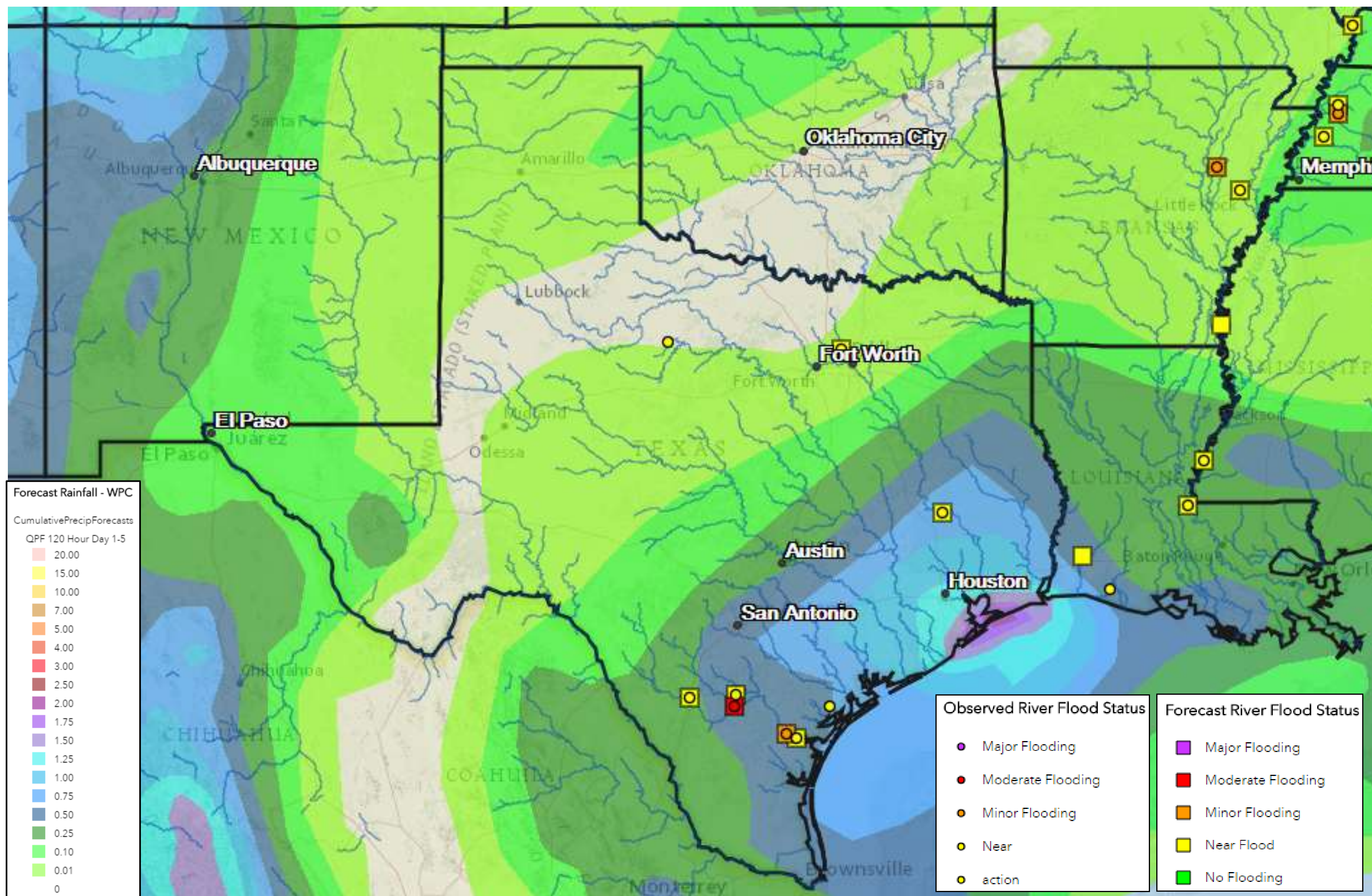
Tropical Storm Sergio Rosa is forecast to move west over the Eastern Pacific through the middle of next week. No impacts to FEMA 6.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Water will continue to drain from the Nueces River; continued inflows into Lake Corpus.

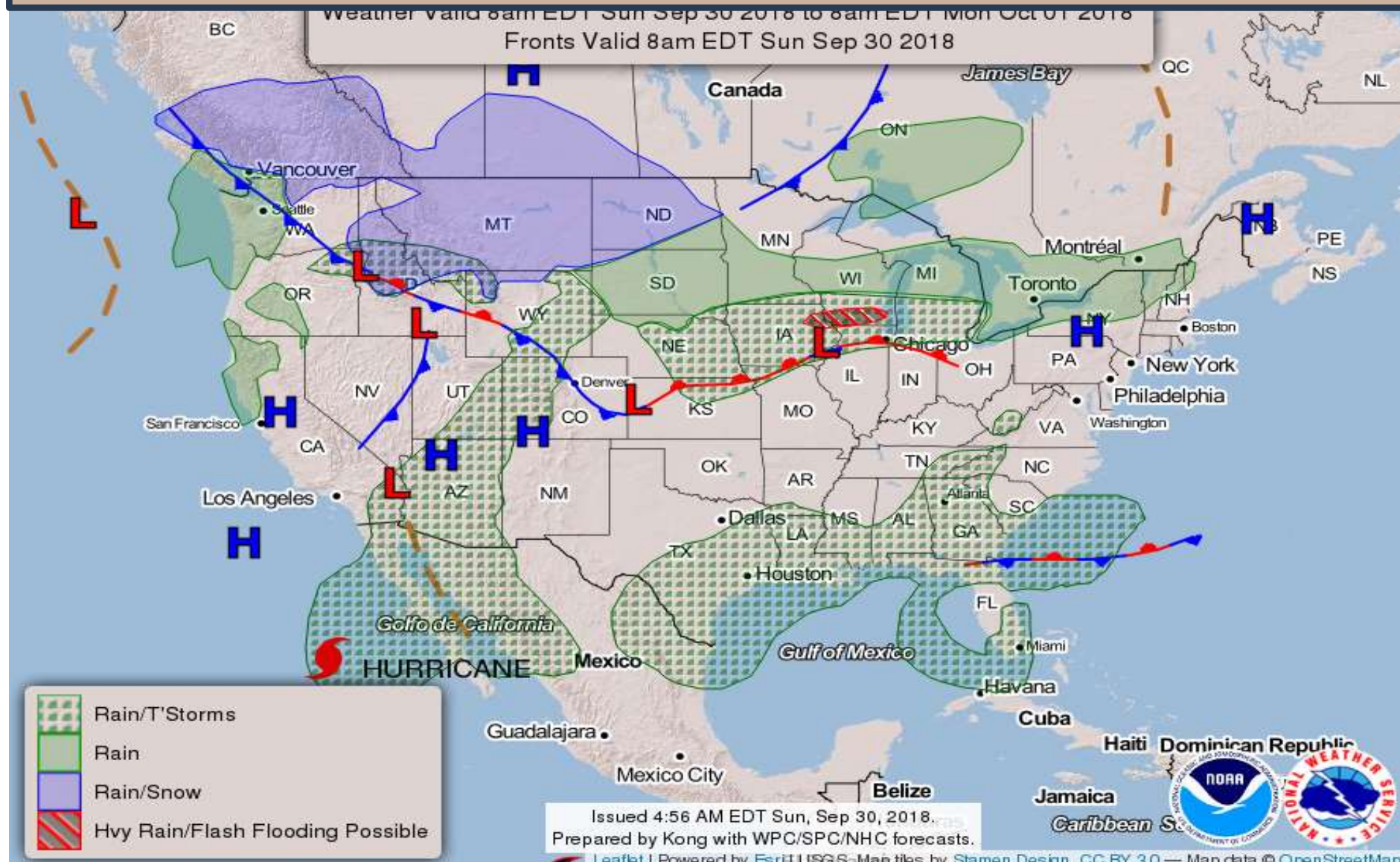
No additional river flooding is expected with the forecasted rainfall in the next five days.

Today's Weather



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Forecast Chart

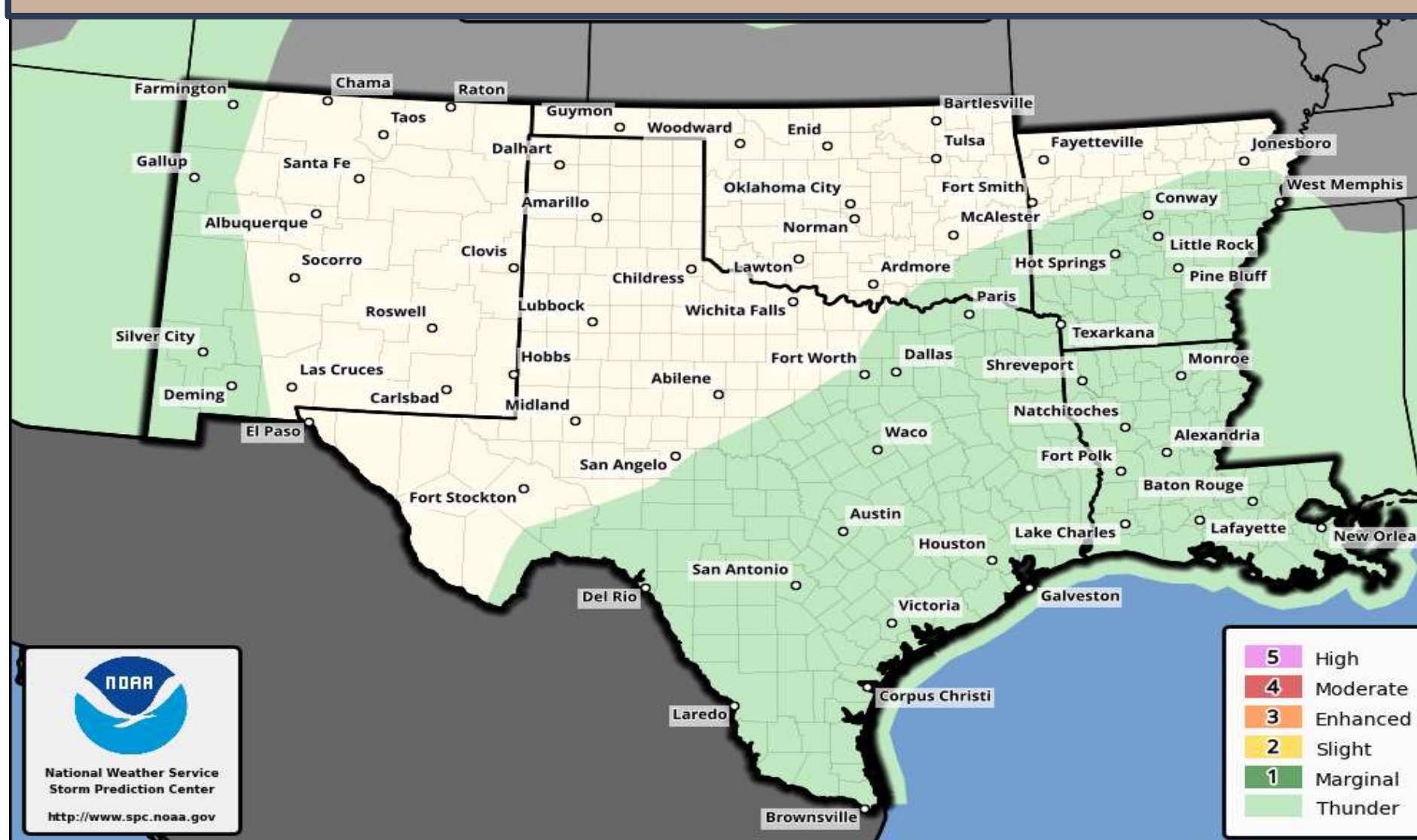


Forecast Rainfall



Some isolated heavy rain/flash flooding is possible along the TX Coast.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather

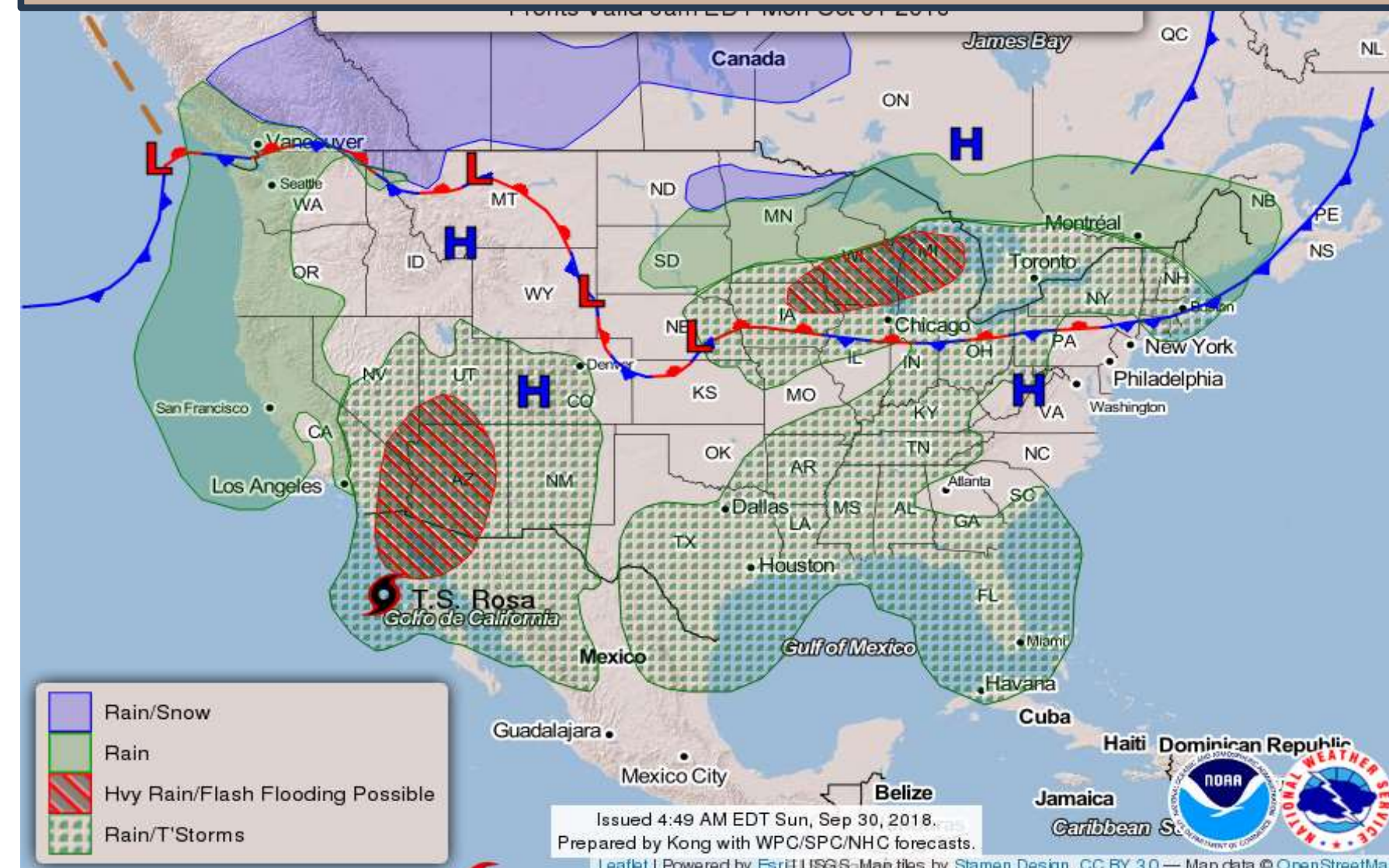


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Forecast Chart

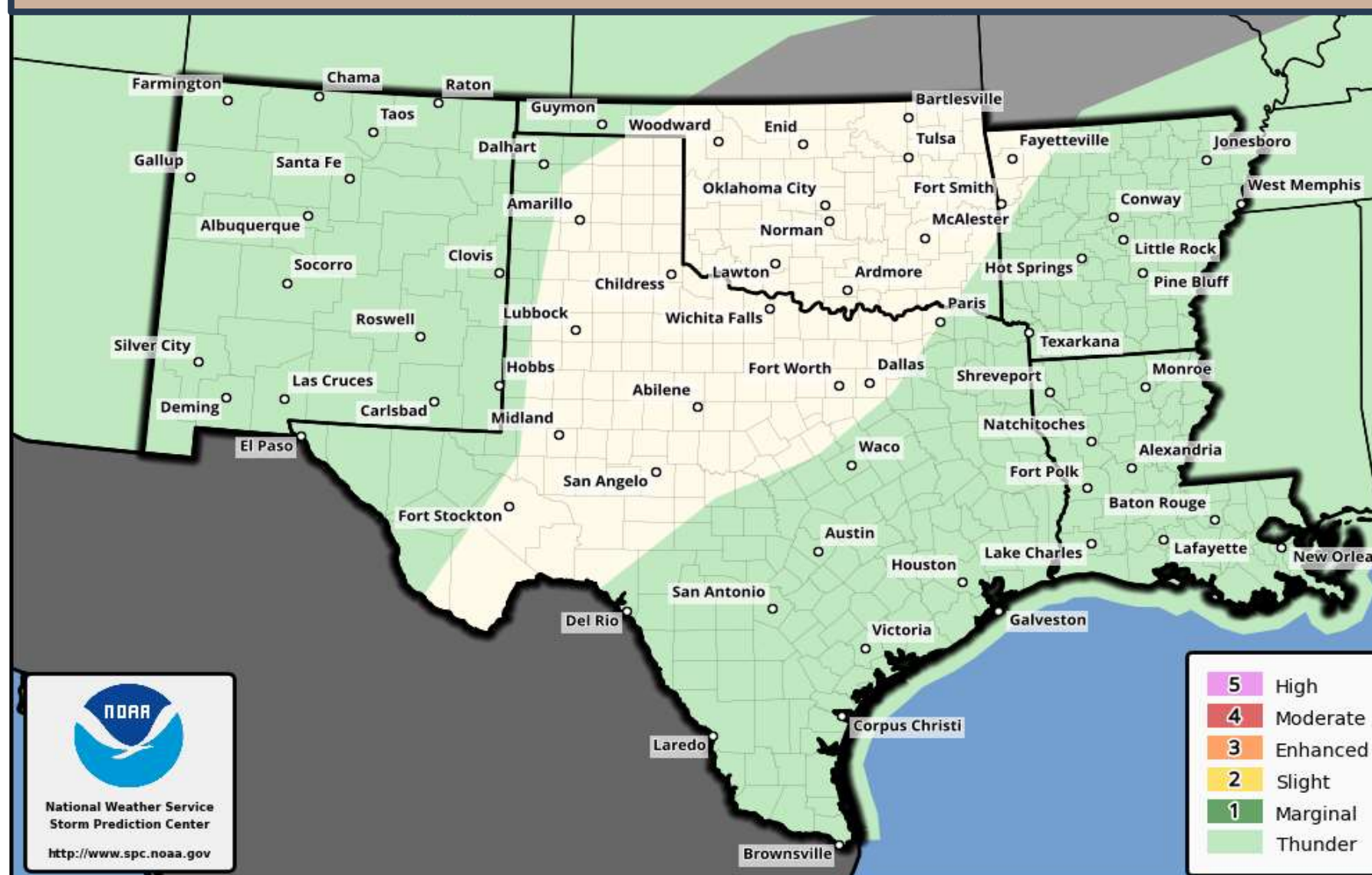
Forecast Rainfall

Isolated heavy rain possible in W NM although it will be welcome rainfall in drought stricken areas (no significant impacts expected).



Severe Weather Outlook

Excessive Rainfall Outlook

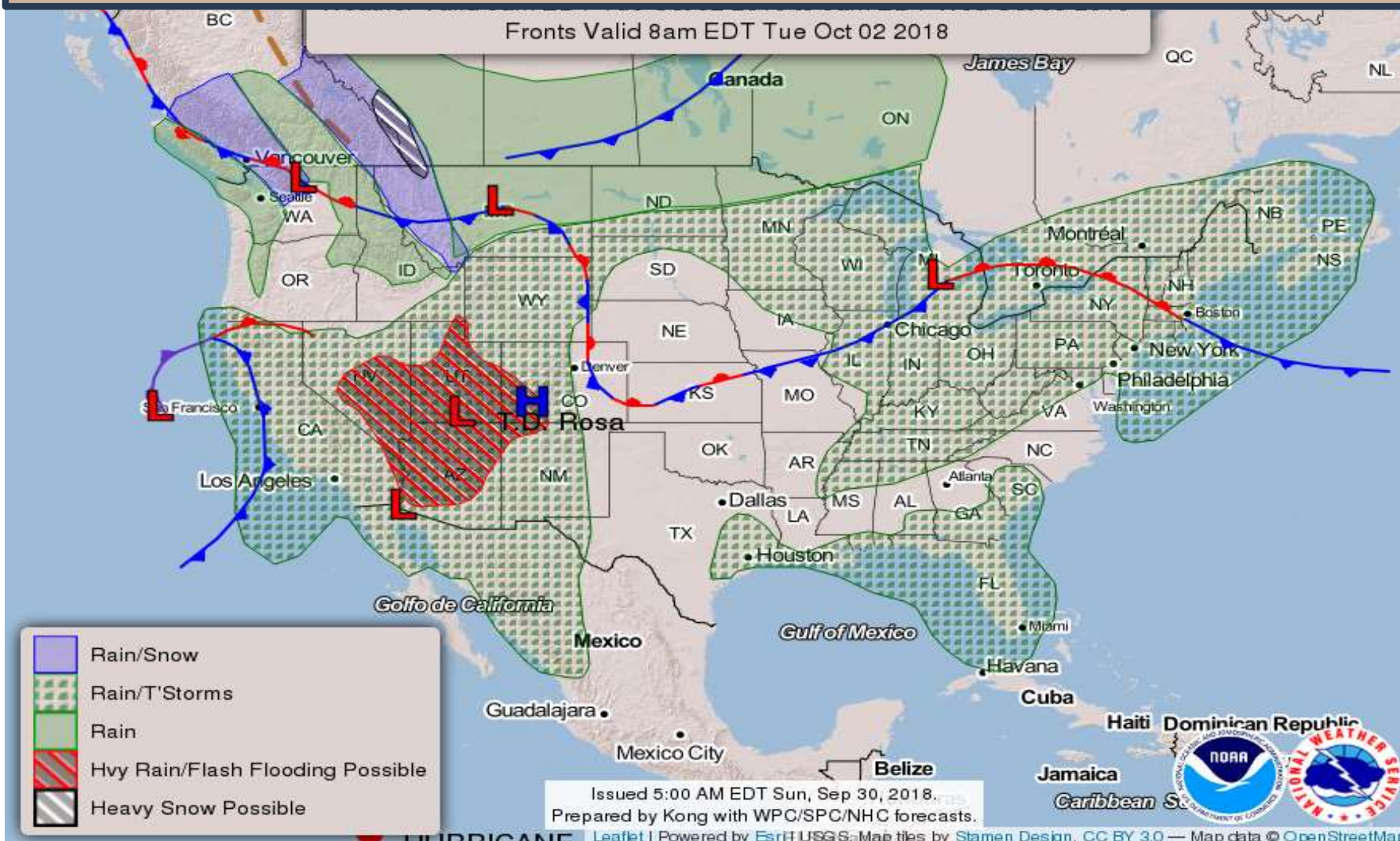


Tuesday's Weather

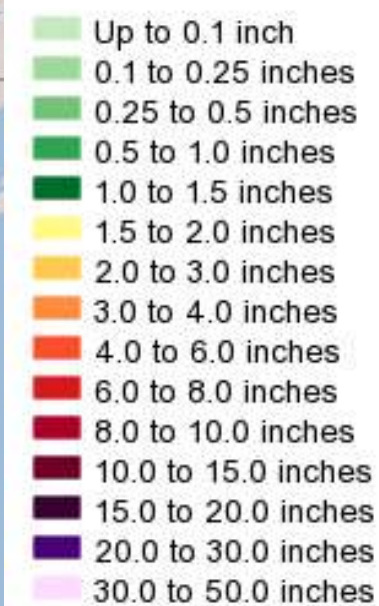


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Forecast Chart

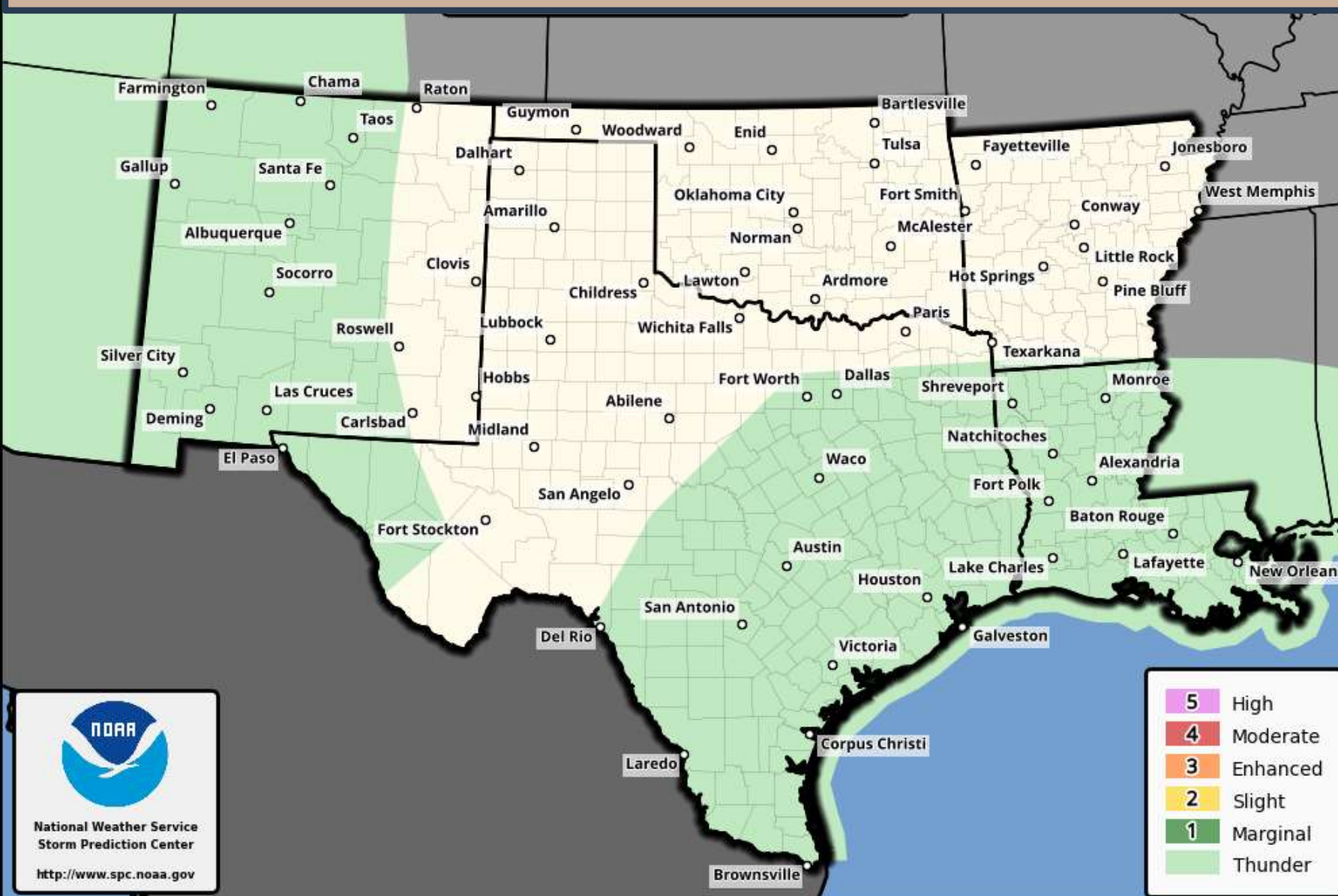


Forecast Rainfall



Isolated heavy rain/flash flooding possible in NW NM.

Severe Weather Outlook



Excessive Rainfall Outlook



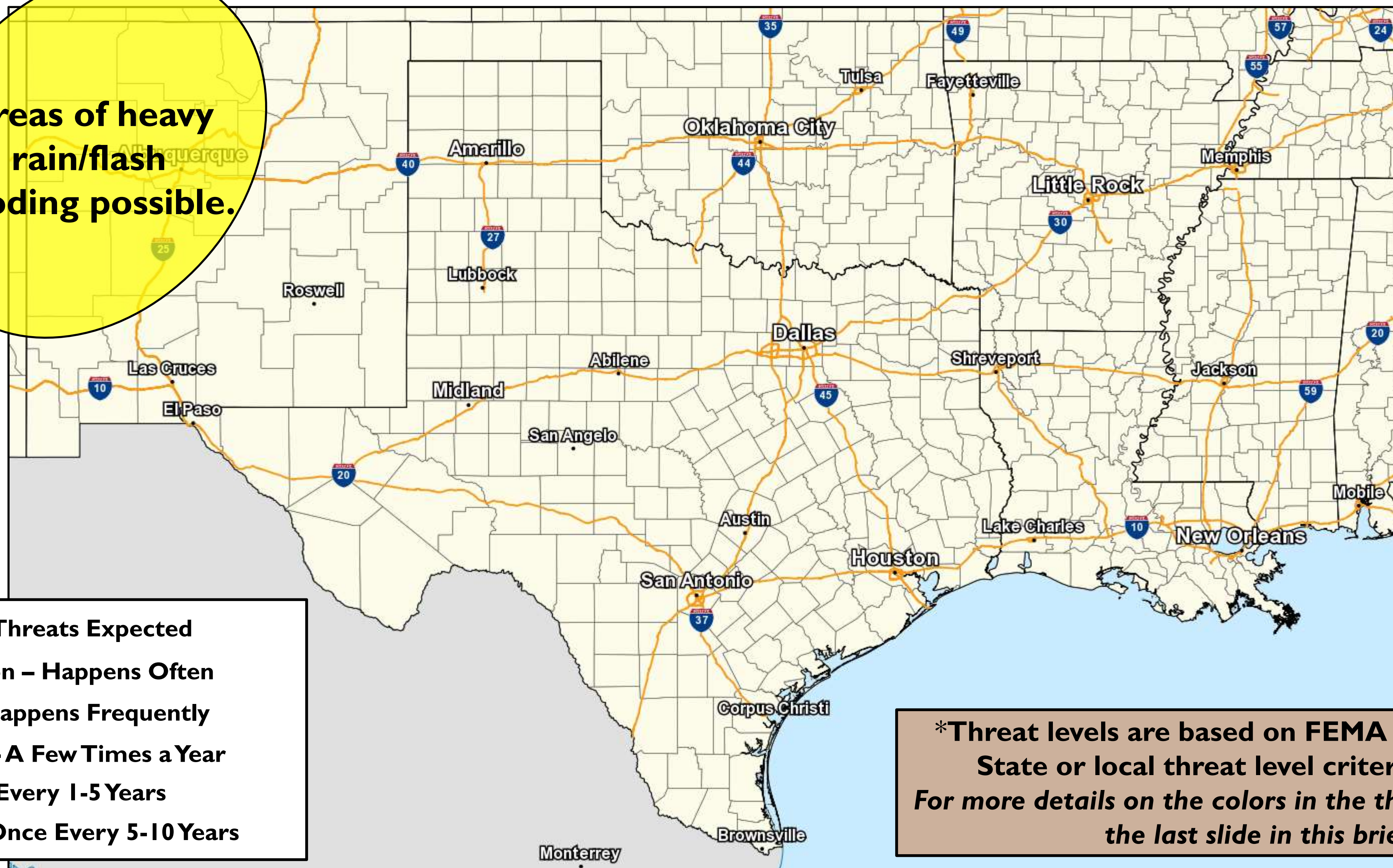
Days 4-5 Weather Hazards

Wednesday - Thursday



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Areas of heavy
rain/flash
flooding possible.



- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

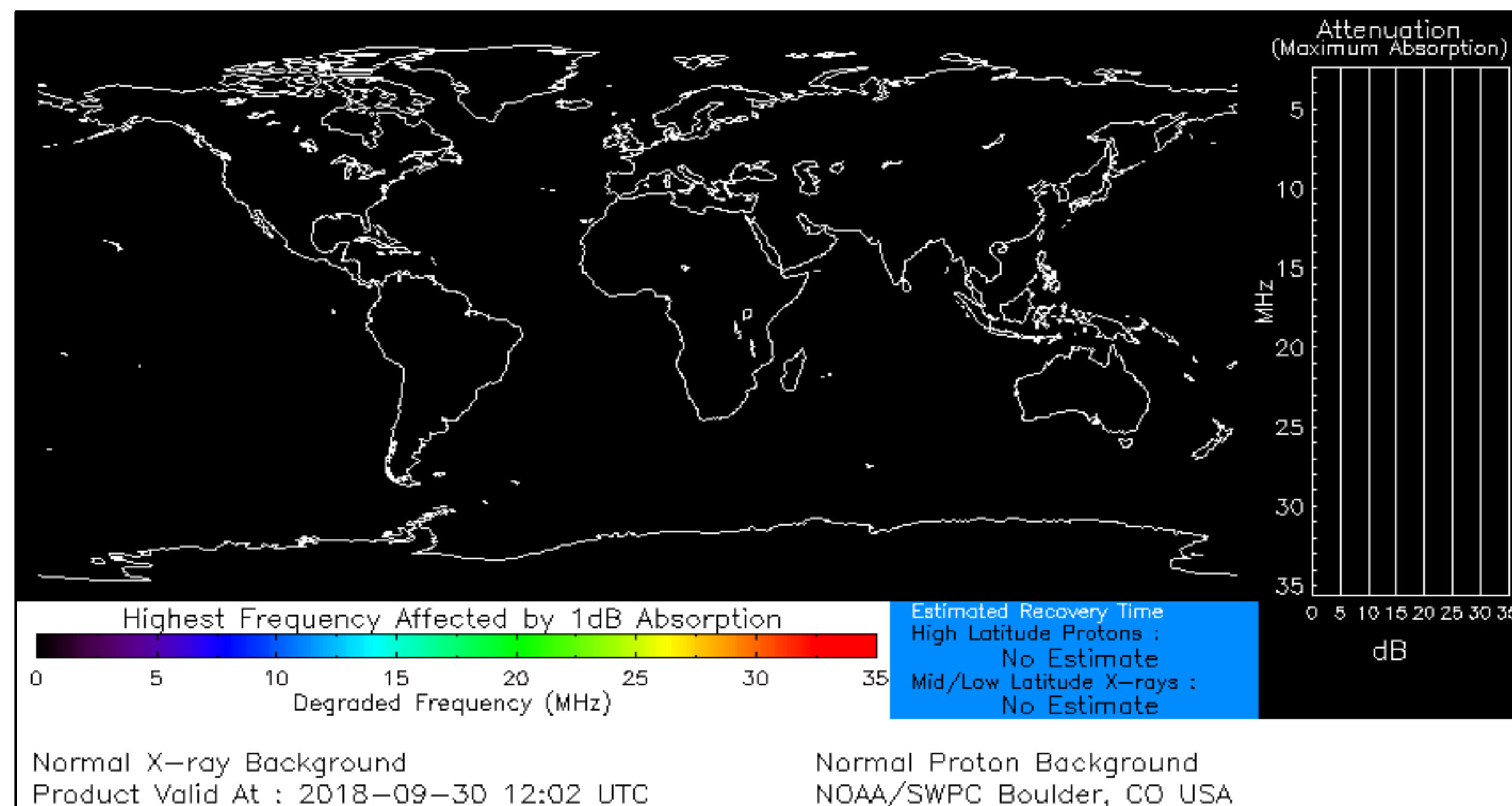
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the last slide in this briefing.*

Space Weather 3-Day Forecast



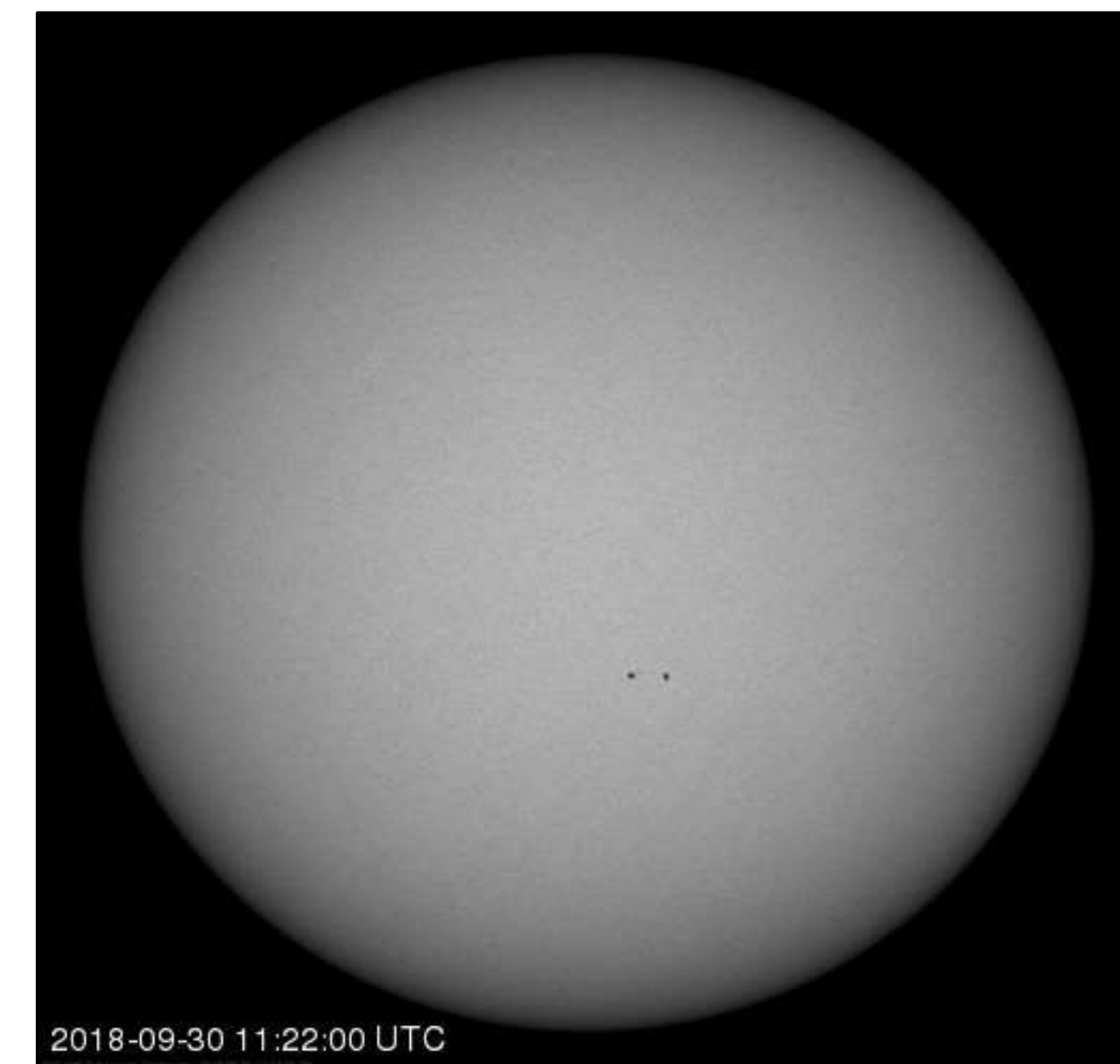
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov